



TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



State Statistician: Debra K. Kenerson
P.O. Box 41505
Nashville, TN 37204-1505
1-800-626-0987

http://www.nass.usda.gov/tn

Released Weekly April - November

2003 Weather Crop 21 Issued 3:00 P.M. 08/25/03 Week Ending August 24, 2003

Timely Rains Arrive Once Again

Scattered showers moved across the State at the beginning and end of the week to balance the above normal summer temperatures. The combination of heat and rain was beneficial to all crops, but the biggest benefactors were cotton and soybeans. Cotton received good heat units last week and some fields have begun to open bolls. Overall, crop development was about 4 days behind the normal pace, but gaining speed. Soybeans got a vital boost from the rainfall as the moisture should significantly aid the development of late planted beans. Virtually all of the State’s soybeans were blooming with four-fifths of the acreage setting pods. Tobacco growers were finishing topping and harvest had begun in earnest. Corn harvest for grain began on a very limited basis and should pick up rapidly over the next week to ten days. The other main farm activities for the State included hay cutting, fungicide and insecticide application, and harvesting vegetables. There were 6 days suitable for field work last week. As of Friday, topsoil moisture levels were rated 1 percent very short, 20 percent short, 77 percent adequate, and 2 percent surplus, while subsoil moisture levels were rated 12 percent short, 85 percent adequate, and 3 percent surplus.

CROP PROGRESS: Through August 24, 2003					CONDITION: On August 22, 2003					
Crop	This Week	Last Week	2002	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Dent	94	79	95	88	Corn	2	3	14	55	26
Corn - Mature	35	17	49	42	Cotton	0	4	20	63	13
Corn - Harvest	4	N/A	7	6	Soybeans	0	2	13	61	24
Corn Silage - Harvest	54	29	67	59	Tobacco	3	7	29	45	16
Cotton - Bolls Opening	13	3	14	19	Pastures	0	2	16	61	21
Soybeans - Blooming	96	81	100	95						
Soybeans - Setting Pods	81	60	92	81						
Tobacco - Topped	89	74	82	86						
Tobacco - Burley Harvested	31	14	25	34						
Tobacco - Air Cured Harvested	34	7	37	41						
Tobacco - Fire Cured Harvested	31	16	31	39						

CORN: Corn harvest has begun in a few fields planted early, as well as areas with early maturing varieties. Overall, the crop was maturing at a pace slightly behind normal. Corn conditions remained mostly good to excellent.

COTTON: The State’s cotton crop picked up substantial growing degrees last week and continued to make strides towards the normal growing pace. There was some limited spraying for insects. The crop was rated in mostly good condition.

SOYBEANS: Soybeans development picked up speed during the past week and was progressing on schedule. A few fields were turning color and starting to drop leaves. The scattered showers should provide a lift for late season beans. The State’s soybean crop was rated in mostly good to excellent condition.

TOBACCO: Nearly ninety percent of the State’s tobacco acreage has been topped. Harvest was in full swing in most areas and progressing at a pace slightly behind normal. The crop was rated mostly good to fair with few problems reported.

PASTURES & HAY: Pasture conditions remained mostly good and many farmers took advantage of last week’s sunshine to cut hay.

TEMPERATURES AND PRECIPITATION For week ending: 08/24/03 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 08/24/03				Current Week	Rain	Current	From	Since April 1	
	HI	LO	AVG	DFN	08/24/03	Days	Since January 1	Normal	Total	DFN
0Ames_Plantation	97	69	83	+7	0.34	1	48.93	+14.32	1880	-6
Tri-City_RGNL_A	87	60	75	+2	0.00	0	48.10	+20.26	1285	-4
Brownsville_TN	98	70	84	+6	1.22	1	39.48	+4.80	2036	+366
Chattanooga/Lov	92	70	81	+4	0.54	2	46.60	+11.10	1834	+62
Clarksville_Sew	95	69	82	+6	0.29	1	31.92	-1.53	1775	+94
Cookeville	91	64	78	+5	0.15	1	45.54	+7.62	1404	+349
Covington	95	69	82	+5	0.84	1	37.92	+4.15	1811	-114
Crossville_AP	87	66	77	+5	0.01	1	47.59	+10.16	1269	+71
Dickson_AG	88	64	77	+1	0.07	1	38.89	+3.26	1350	-407
Dover_1W	93	66	80	+5	1.52	1	38.69	+4.04	1617	+127
Dyersburg	95	70	82	+5	0.31	1	33.59	+0.49	1926	-120
Erwin_1W	88	61	76	+5	0.04	2	40.47	+6.59	1211	-327
Huntingdon_Wate	94	68	81	+5	1.10	2	37.60	+2.98	1722	+129
Jackson_AG	94	68	82	+5	0.24	2	35.77	+1.40	1837	+2
Kingston_AG	90	65	78	+5	0.35	2	47.22	+7.96	1454	+71
Knoxville_AP	90	66	79	+4	0.21	2	43.52	+11.23	1644	+103
Lewisburg	94	58	79	+5	0.46	1	44.80	+8.31	1539	-20
Lexington_TN	93	66	81	+4	1.98	1	38.94	+5.34	1704	+572
Linden	94	67	80	+5	0.97	2	43.46	+6.52	1510	-55
Martin	96	68	82	+6	0.42	1	38.07	+3.13	1756	-10
Mc_Minnville_Tn	91	65	80	+4	0.10	1	43.92	+8.31	1629	-322
Memphis_AG	98	69	84	+4	0.29	1	37.08	+3.15	1978	-299
Milan	96	65	81	+6	0.32	1	37.60	+2.00	1768	+44
Murfreesboro_5N	93	66	81	+5	0.00	0	42.93	+7.71	1624	-313
Nashville_Metro	93	68	81	+4	0.47	1	42.42	+10.71	1778	-61
Newcomb	88	64	76	+5	1.28	2	47.55	+10.77	1305	+177
Oneida	89	63	76	+5	0.46	2	41.06	+4.28	1278	-372
Pikeville	91	65	79	+4	0.02	1	49.49	+13.90	1587	+66
Portland_TN	92	65	79	+5	0.15	2	40.41	+5.95	1519	-2
Pulaski_Water_P	93	66	80	+4	0.14	2	43.59	+7.28	1623	-217
Savannah_6SW	94	66	80	+3	0.84	3	52.58	+15.03	1605	-11
Sparta_TN	92	63	78	+5	0.38	1	49.00	+12.26	1617	+303
Springfield	92	64	79	+5	0.06	1	34.79	+1.72	1540	+5
Springhill	95	67	80	+6	0.34	2	44.45	+7.78	1701	+144
Union_City	95	64	81	+6	0.81	1	36.67	+2.61	1639	-79
Waynesboro_TN	94	67	80	+5	0.18	3	45.78	+7.24	1542	-235

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
 Copyright 2003: AWIS, Inc. All Rights Reserved

The Tennessee Agricultural Statistics Service gratefully acknowledges contributions to this publication by:
 National Weather Service, and the University of Tennessee’s Extension Service.